APPROVED O.G. FIG.
BY CLASS SUBCLASS
JUL 09 2003
PATENT & TRADEMARK

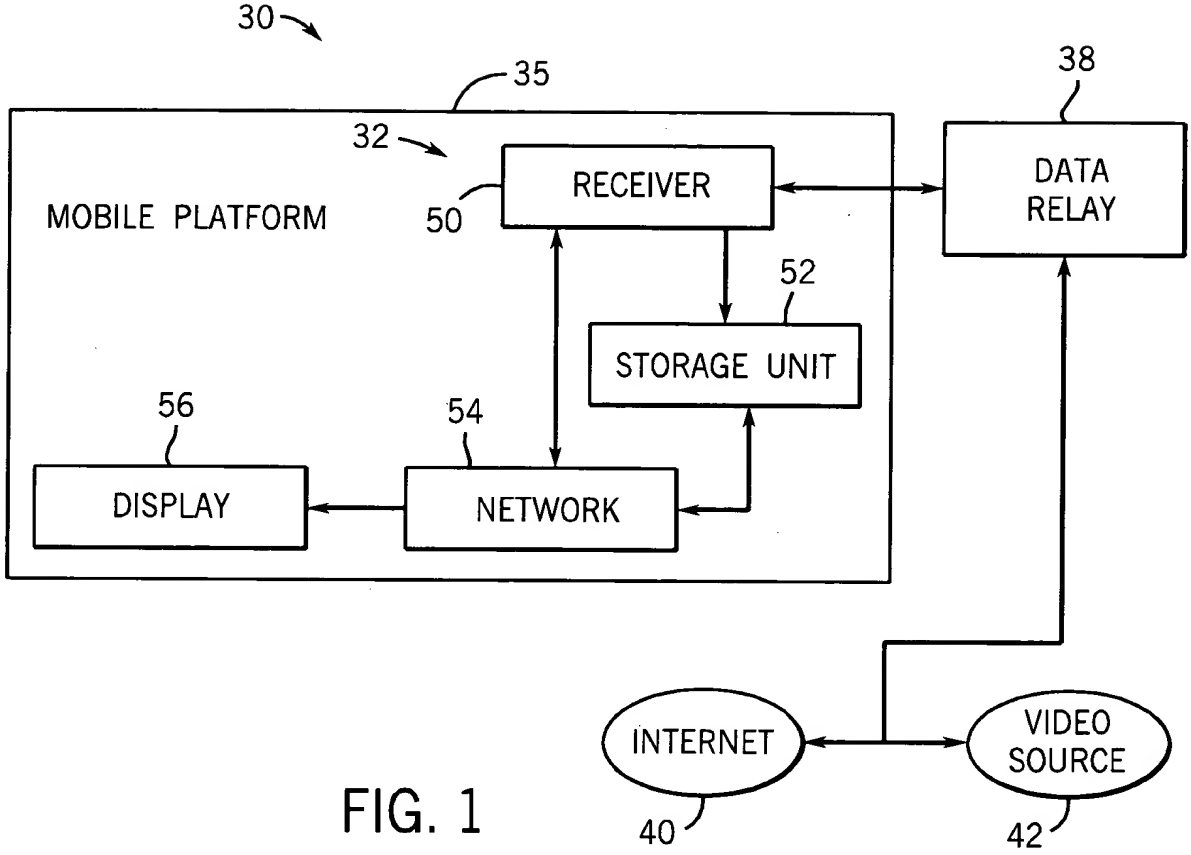
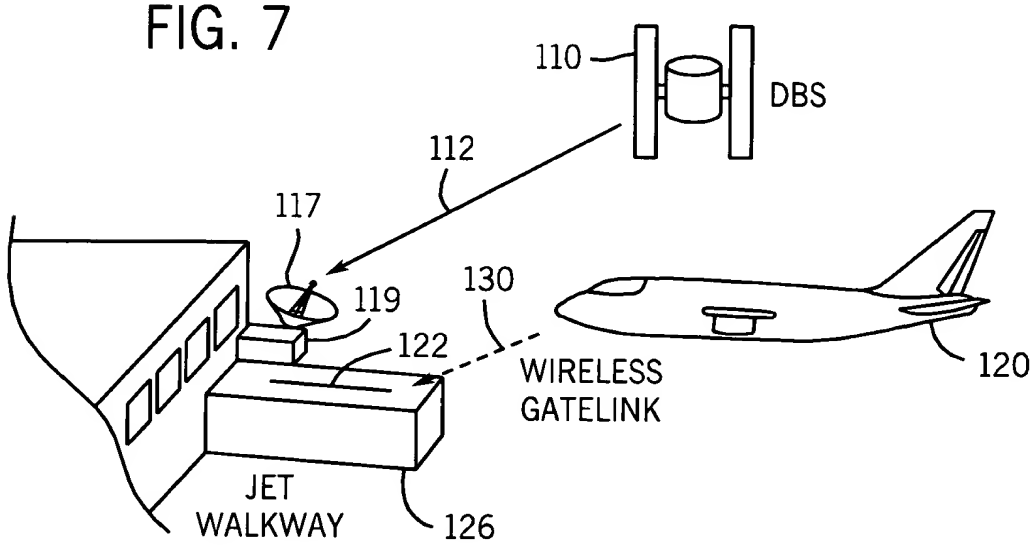


FIG. 1

FIG. 7



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CLASS SUBCLASS
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PATENT & TRADEMARK OFFICE

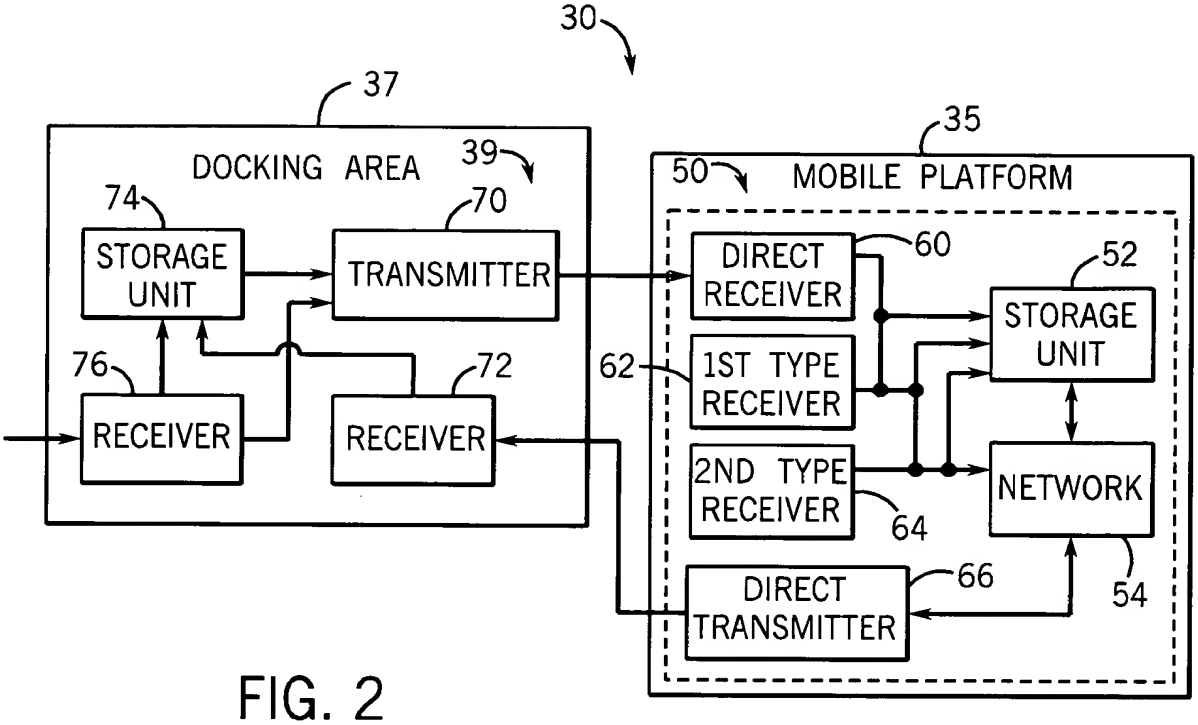

FIG. 2

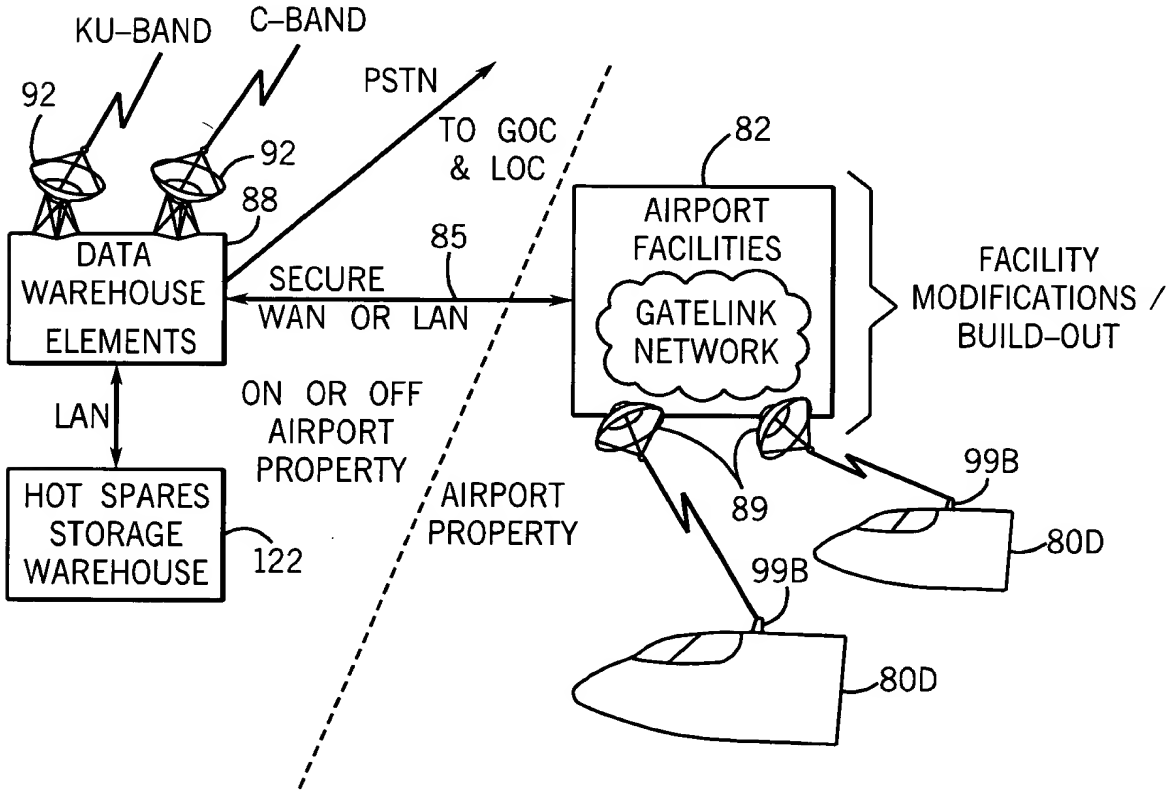

FIG. 5

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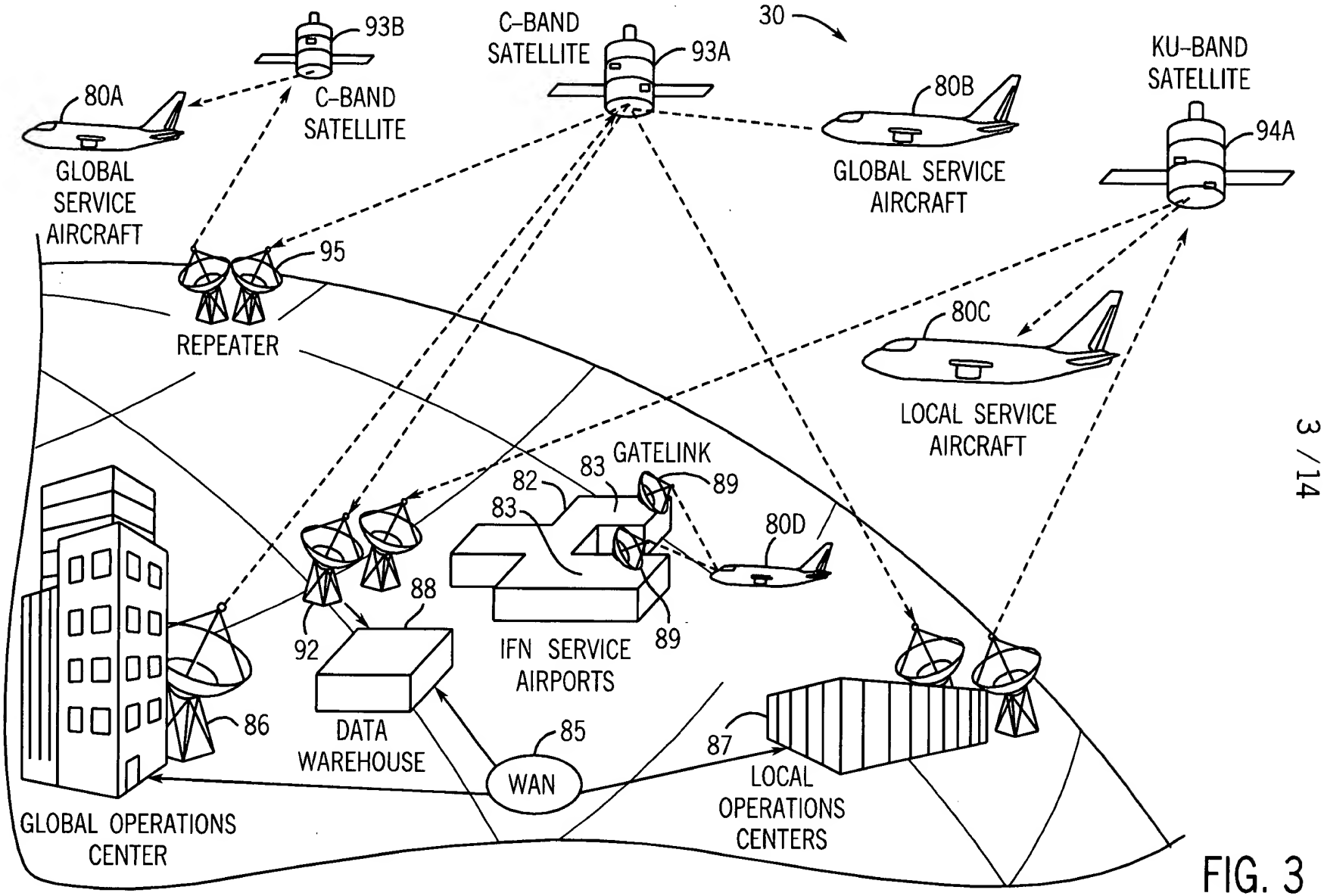

FIG. 3

O.I.P.E.
APPROVED FOR FIG.
CLASS SUBCLASS
BY
DATE JUL 0 9 2003
PATENT & TRADEMARK OFFICE

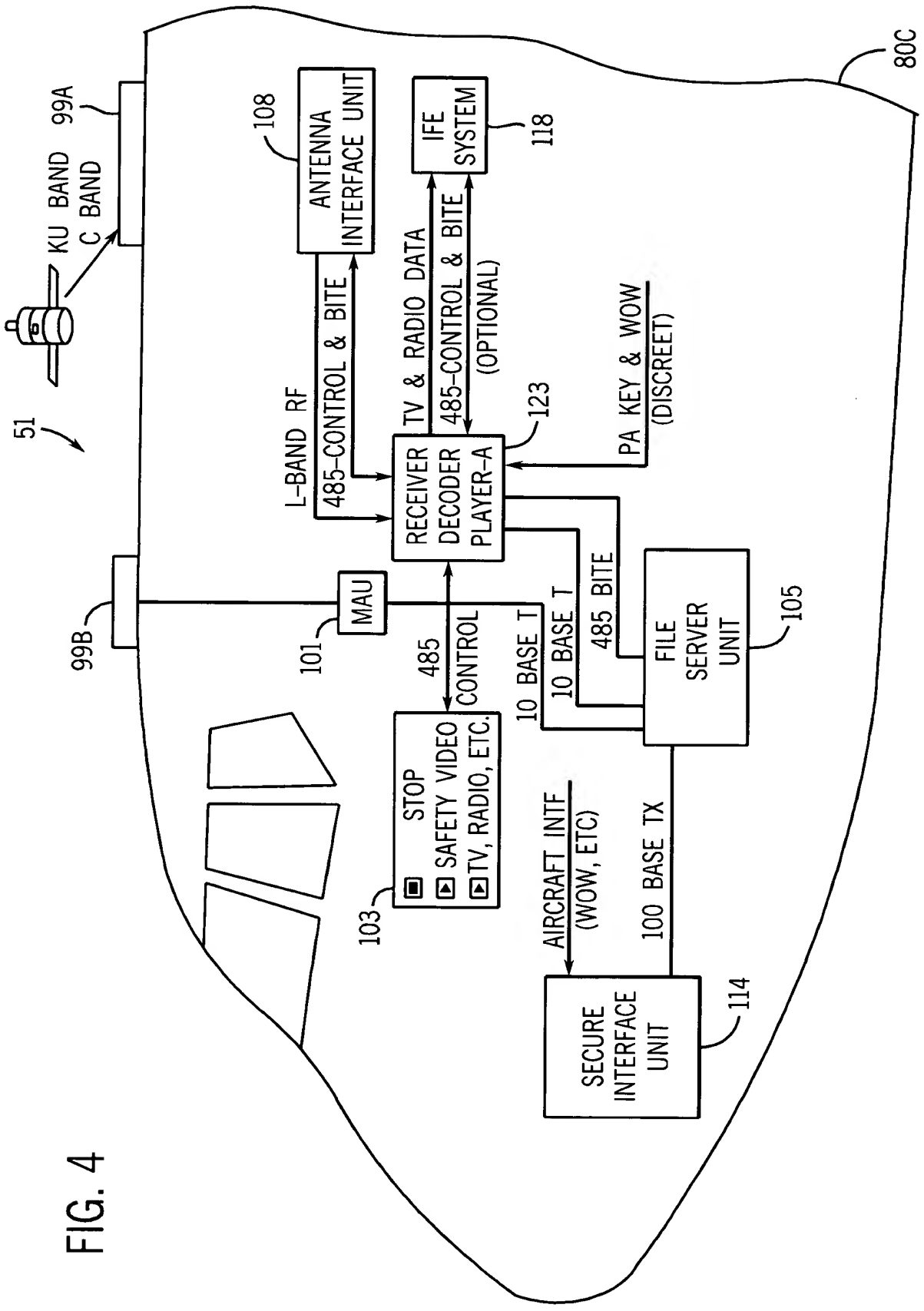

FIG. 4

OIPE
APPROVED O.G. FIG.
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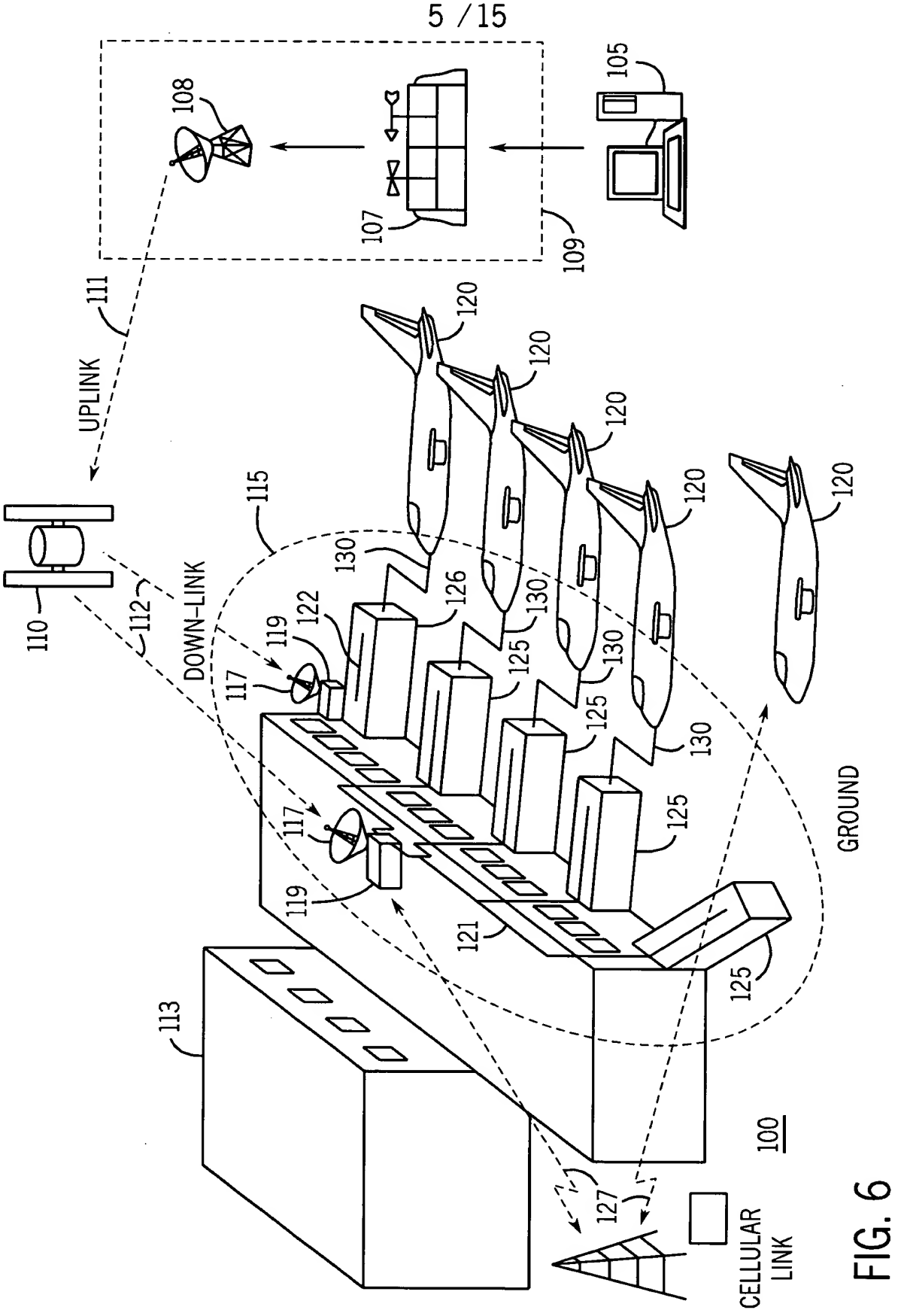

FIG. 6

OIPE PRIORITY
SY
JUL 09 2003
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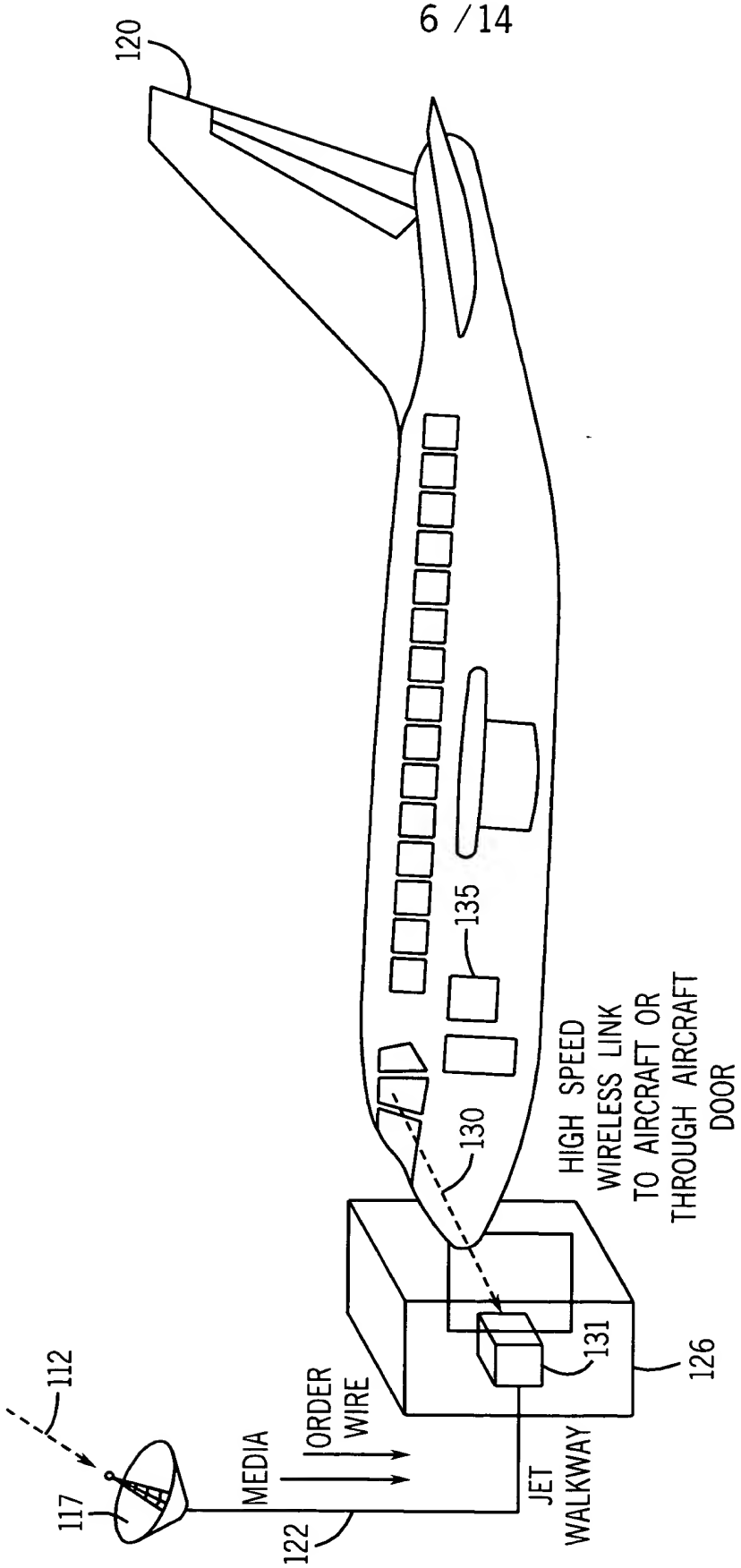

FIG. 8

O.I.P.E.
APPROVED
SM
JUL 09 2003
DRAFTSMAN
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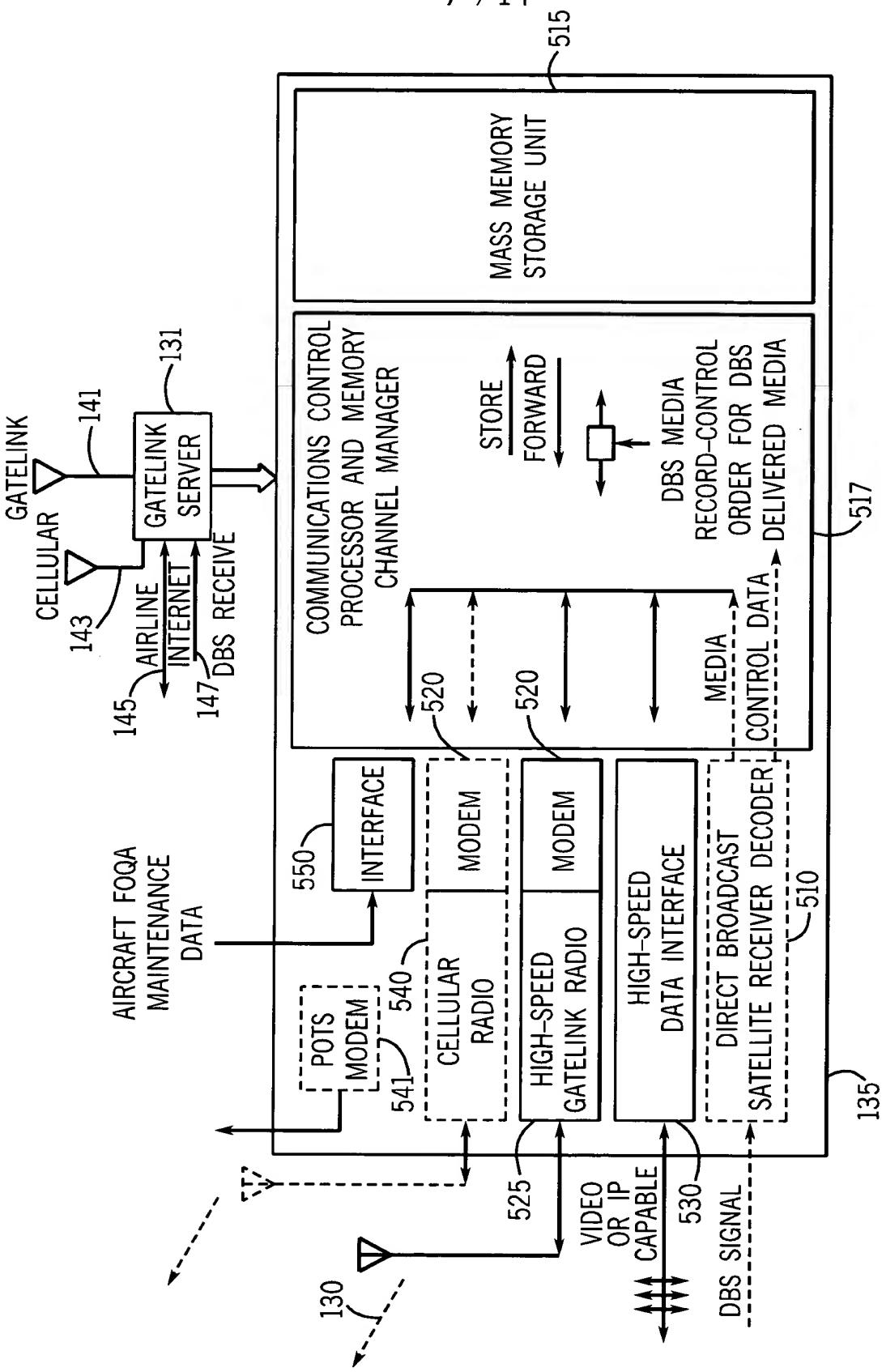

FIG. 9

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CLASS SUBCLASS

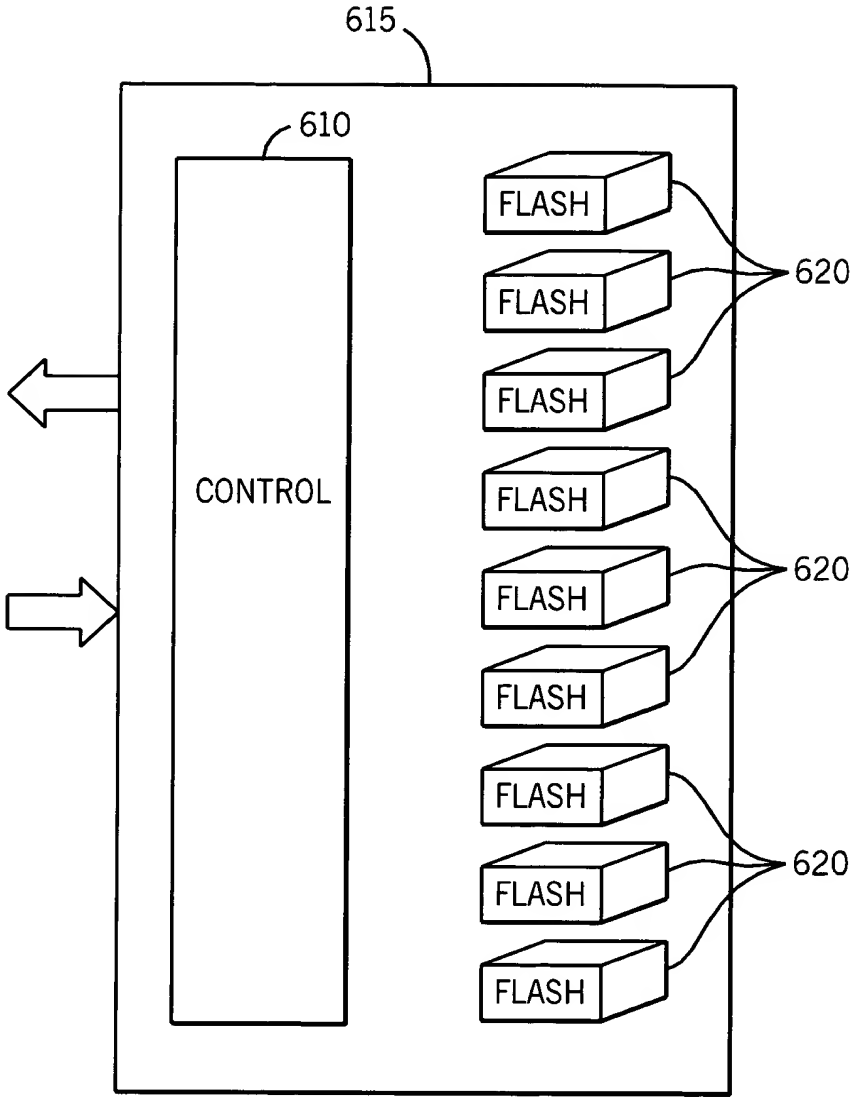

FIG. 10

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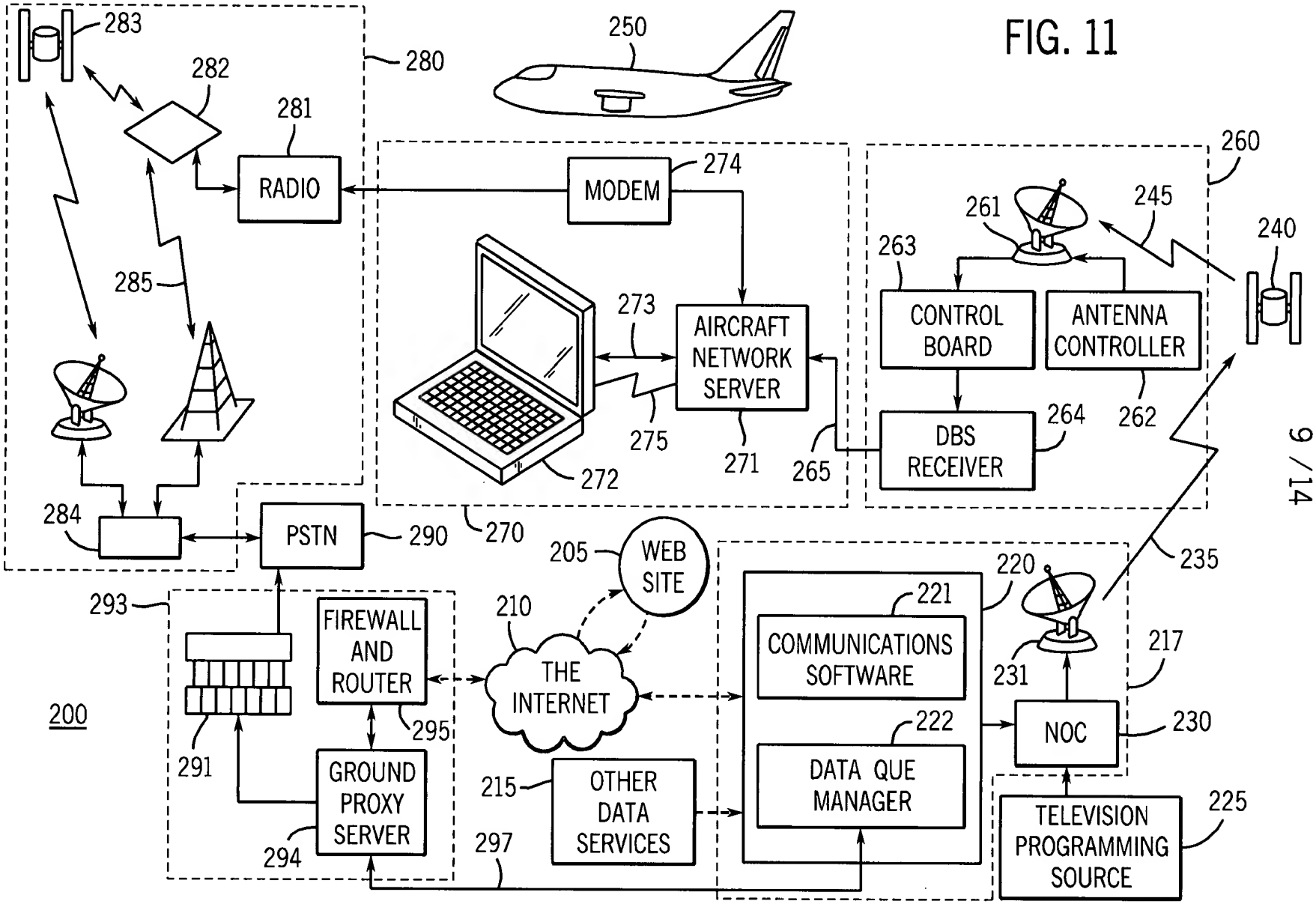
FIG. 11



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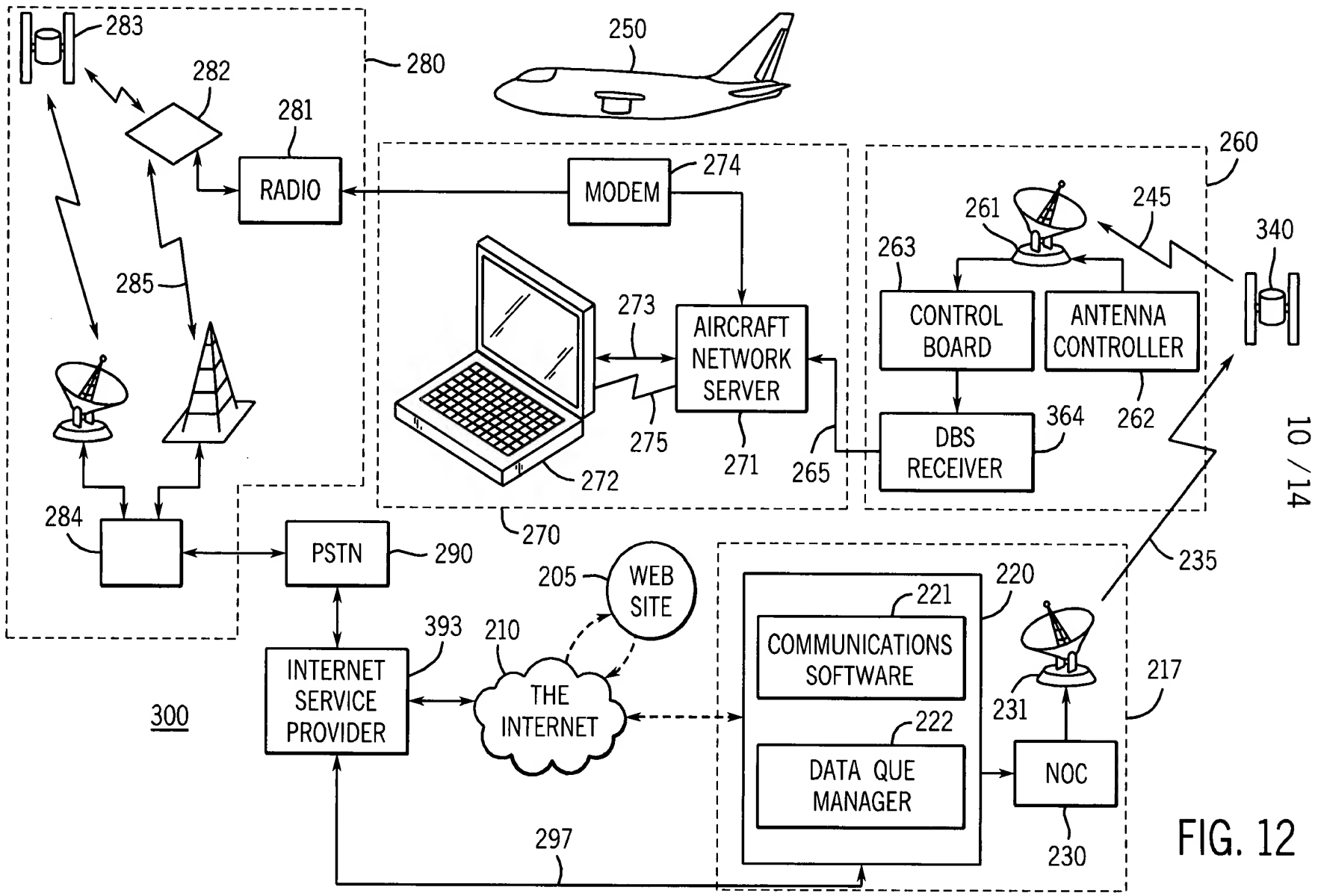

FIG. 12

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PATENT & TRADEMARK OFFICE

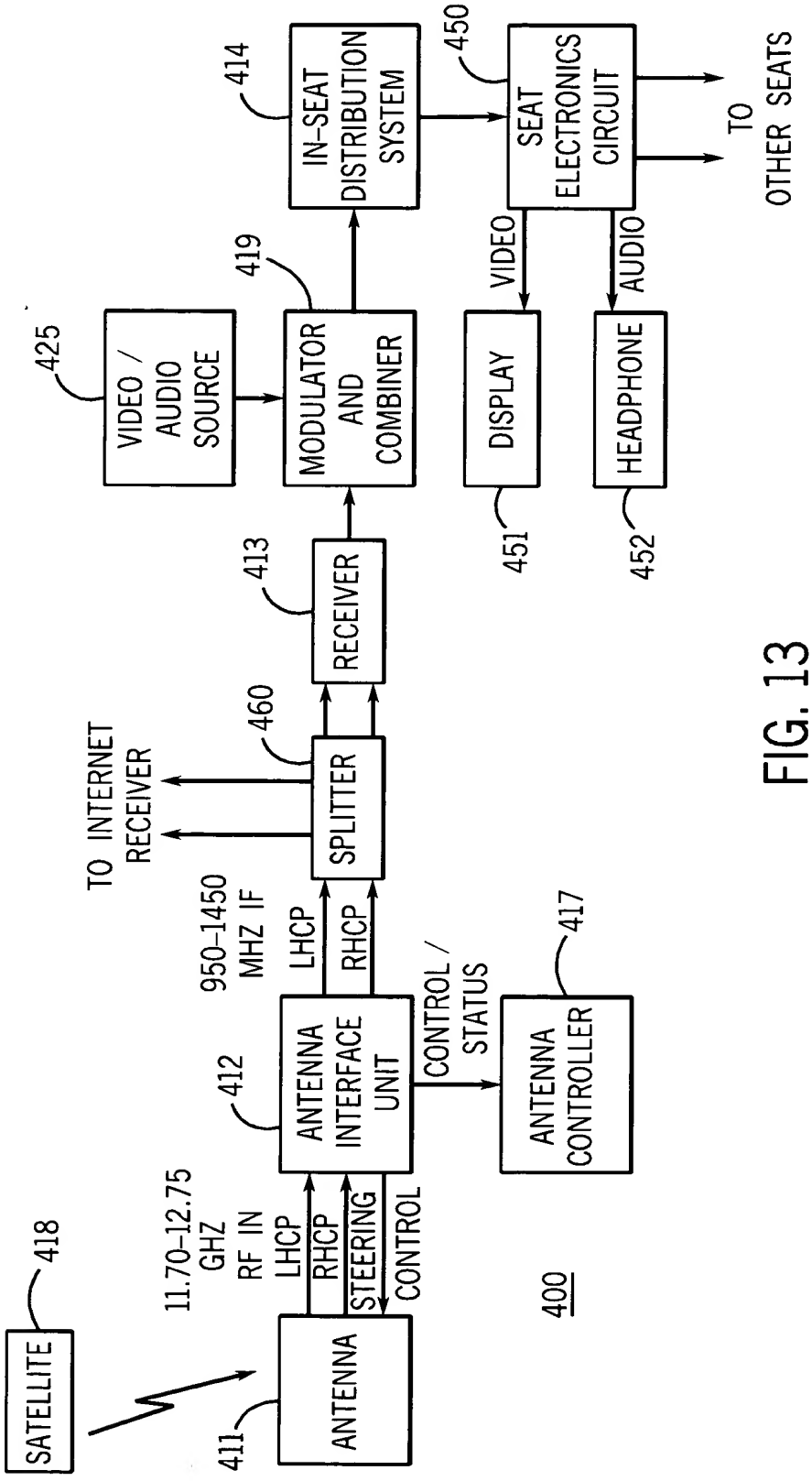

FIG. 13

OIPE
APPROVED O.G. FIG.
CLASS/SUBCLASS
JUL 09 2003
TECHNOLOGY CENTER
PATENT & TRADEMARK OFFICE

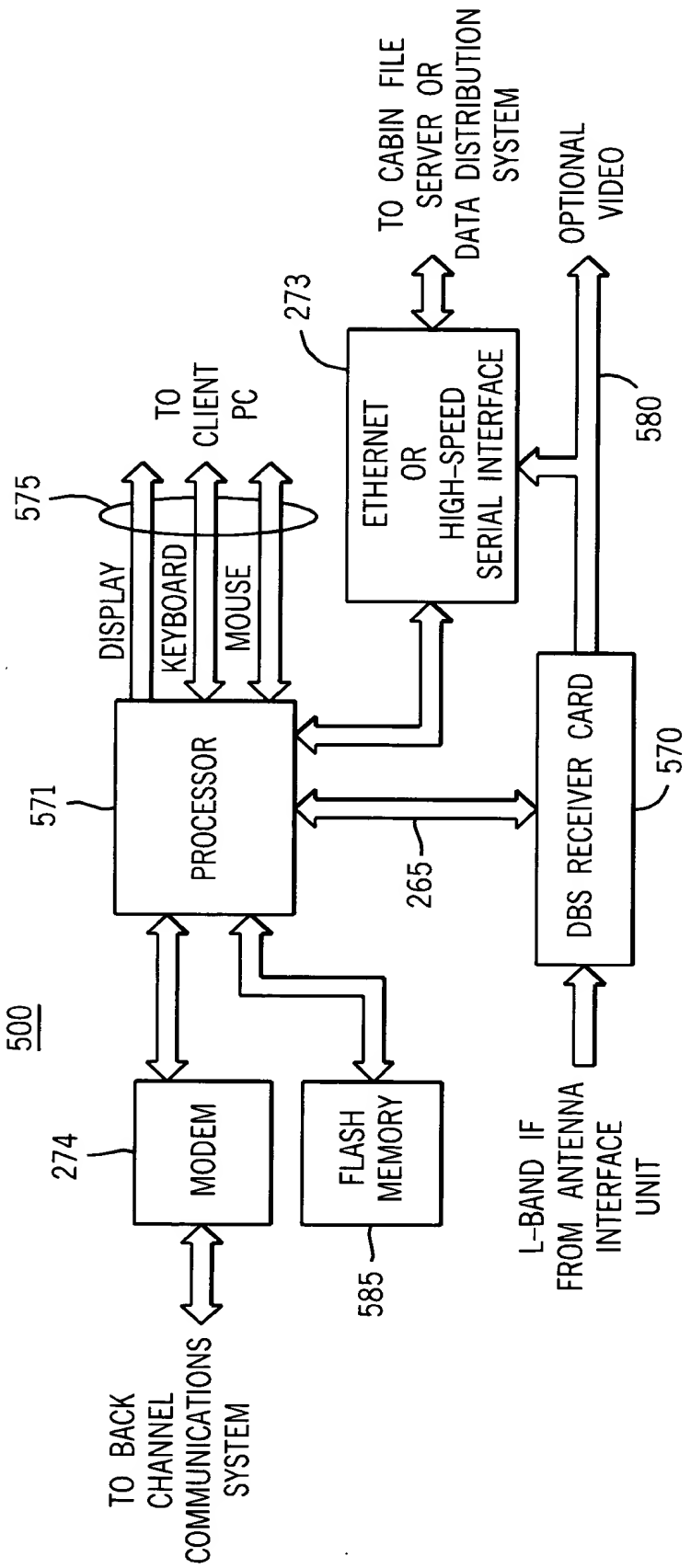

FIG. 14

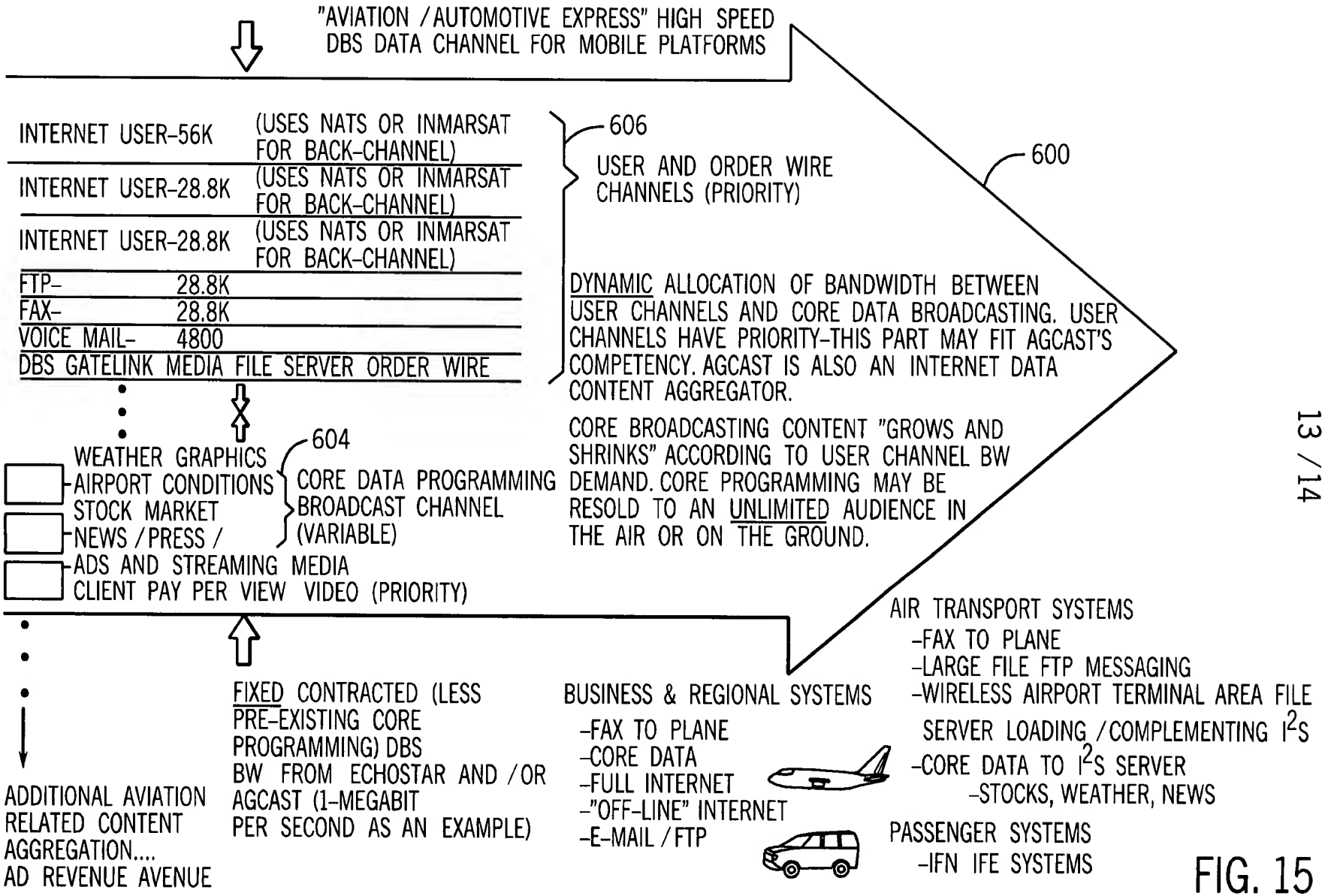
"AVIATION / AUTOMOTIVE EXPRESS" HIGH SPEED DBS DATA CHANNEL FOR MOBILE PLATFORMS
INTERNET USER-56K (USES NATS OR INMARSAT FOR BACK-CHANNEL)
INTERNET USER-28.8K (USES NATS OR INMARSAT FOR BACK-CHANNEL)
INTERNET USER-28.8K (USES NATS OR INMARSAT FOR BACK-CHANNEL)
FTP- 28.8K
FAX- 28.8K
VOICE MAIL- 4800
DBS GATELINK MEDIA FILE SERVER ORDER WIRE
606
USER AND ORDER WIRE CHANNELS (PRIORITY)
600
DYNAMIC ALLOCATION OF BANDWIDTH BETWEEN USER CHANNELS AND CORE DATA BROADCASTING. USER CHANNELS HAVE PRIORITY-THIS PART MAY FIT AGCAST'S COMPETENCY. AGCAST IS ALSO AN INTERNET DATA CONTENT AGGREGATOR.
CORE BROADCASTING CONTENT "GROWS AND SHRINKS" ACCORDING TO USER CHANNEL BW DEMAND. CORE PROGRAMMING MAY BE RESOLD TO AN UNLIMITED AUDIENCE IN THE AIR OR ON THE GROUND.
604
WEATHER GRAPHICS
AIRPORT CONDITIONS
STOCK MARKET
NEWS / PRESS /
ADS AND STREAMING MEDIA
CORE DATA PROGRAMMING BROADCAST CHANNEL (VARIABLE)
CLIENT PAY PER VIEW VIDEO (PRIORITY)
AIR TRANSPORT SYSTEMS
-FAX TO PLANE
-LARGE FILE FTP MESSAGING
-WIRELESS AIRPORT TERMINAL AREA FILE SERVER LOADING / COMPLEMENTING I2S
-CORE DATA TO I2S SERVER
-STOCKS, WEATHER, NEWS
PASSENGER SYSTEMS
-IFN IFE SYSTEMS
BUSINESS & REGIONAL SYSTEMS
-FAX TO PLANE
-CORE DATA
-FULL INTERNET
-"OFF-LINE" INTERNET
-E-MAIL / FTP
FIXED CONTRACTED (LESS PRE-EXISTING CORE PROGRAMMING) DBS BW FROM ECHOSTAR AND / OR AGCAST (1-MEGABIT PER SECOND AS AN EXAMPLE)
ADDITIONAL AVIATION RELATED CONTENT AGGREGATION....
AD REVENUE AVENUE

FIG. 15

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PATENT & TRADEMARK

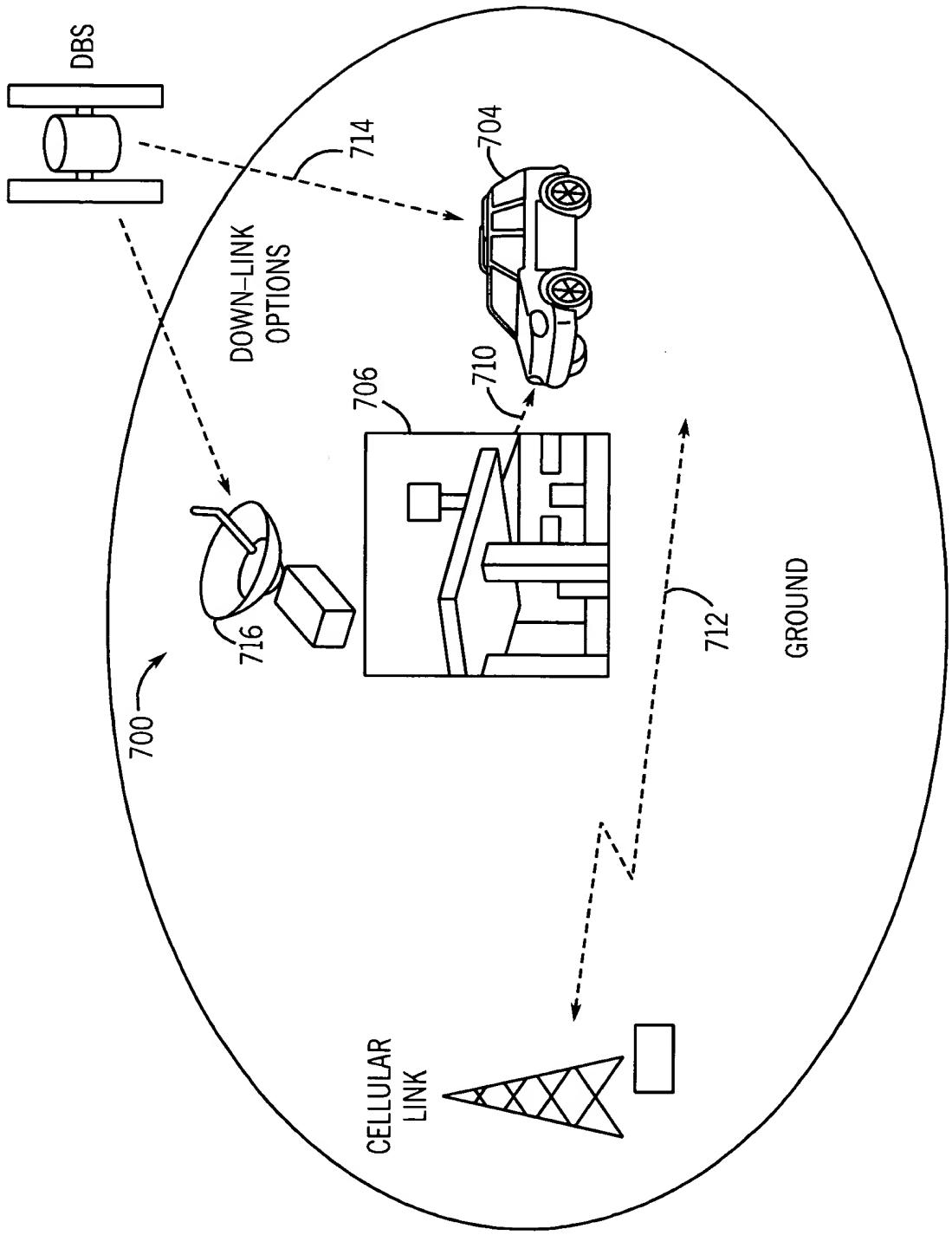

FIG. 16